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CERTIFICATE OF MAIL (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box Alexandria, VA 22313-1450 on August 22, 2003. Signed: Sherry Castro

Sherry Castro

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Macleod, et al.

Serial No.: 09/489,594

Confirmation No.: 6026

Filed: January 21, 2000

For: APPARATUS AND METHOD FOR  
FORMING A ROTATABLE FERROFLUIDIC  
SEAL BETWEEN A SHAFT AND A HUB

Group Art Unit: 3676

Examiner: Vishal A. Patel

#12  
9-12-03

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**AUG 27 2003**

**GROUP 3600**

TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Dear Sir:

Please find the enclosed documents relating to the subject patent application:

- ☒ Response to Office Action Dated July 22, 2003
- ☒ Return Postcard;
- ☒ This Transmittal Letter; and,
- ☒ Change of Address

No fees are required for this filing, however, the Commissioner is authorized to charge any additional fees to Deposit Account No. 20-0782 (Order No. STL2801).

Respectfully submitted,

By: James A. Sheridan  
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